10/23/87 54530-3

# Missouri Area Labor Trends

Data Month August 1987

*A Monthly Review of Missouri Labor Market Information*

## Missouri Labor Market Review

*Bill Niblack, Labor Economist* — *Lloyd Banwart, Analyst*

Missouri unemployment dropped sharply in August following the substantial increase in July. The unemployment rate fell seven-tenths of a point to 6.0 percent, about the rate which prevailed in April, May, and June. The number of jobless Missourians fell by 17,900 to 155,700 in August. The increase in July was partly seasonal, resulting from the influx of summer jobseekers, and partly the result of layoffs in the automobile and other industries. August developments reflect the reversal of these factors: recalls from automobile model changeover layoffs plus a decrease in jobseekers. The August unemployment rate is the same as a year ago; in the previous four months, unemployment had been higher than the comparable year-earlier rates.

Total employment also fell in August, decreasing by 5300 to 2,427,300. Nonfarm payroll employment, on the other hand, increased by 6300 to 2,149,600 jobs. These measures of employment sometimes diverge. A prominent reason for divergence in the summer is the different treatment of unpaid absences in the two employment concepts. Workers on unpaid vacations, for example, are counted as employed in the household estimates (total employment) but not as employed in the establishment estimates.

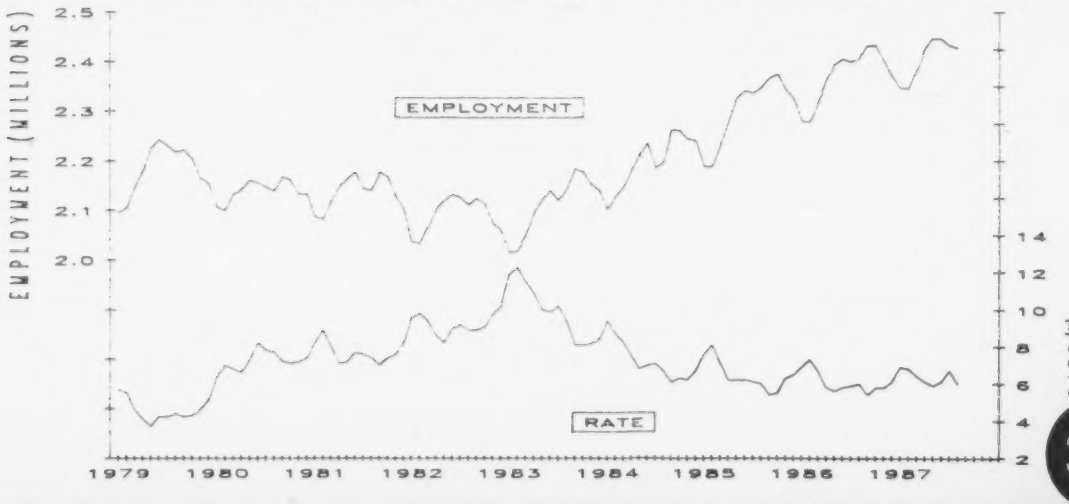
Seasonal increases in services (3600), construction (2600), and retail trade (2100) contributed to the increase in payroll employment. These gains were partly offset by the seasonal drop of 5300 jobs in state and local government. Manufacturing employment increased by 3400 in August. More than half this increase was in motor vehicles and equipment manufacturing. There was a net increase of 2000 jobs in this industry, as the return from a model changeover layoff more than offset the beginning of a model changeover at a different plant, and a permanent layoff at another plant. Employment in this industry is still 5600 below the year-ago level, however.

Compared to August 1986, total employment is up by 18,500 and nonagricultural wage and salary employment by 8400. Manufacturing employment remains below year-earlier levels; the August level of 417,500 is 4100 lower than in August 1986. The net growth in payroll employment has mostly come from the services industries, where employment is up by 13,000 jobs over the past year. Finance, insurance, and real estate grew by 4900 jobs while transportation communications and public utilities is up by 2000. State and local government is 5900 jobs below its 1986 level.

The factory workweek rebounded to 40.2 hours in August following the drop to 39.9 hours in July. Average weekly hours slipped further in the auto industry, partly because one

Contined on Page 6

MISSOURI TOTAL EMPLOYMENT AND UNEMPLOYMENT RATE




*EMPLOYMENT SECURITY - A Division of the Missouri Department of Labor and Industrial Relations*

# Table 1

MISSOURI DIVISION OF EMPLOYMENT SECURITY

CIVILIAN LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT AND UNEMPLOYMENT RATES - ESTIMATES

| COUNTY/LABOR MARKET AREA | CURRENT MONTH - AUG 1987 (PRELIMINARY) | | | | PREVIOUS MONTH - JUL 1987 ( REVISED ) | | | | ONE YEAR AGO - AUG 1986 (BENCHMARKED 1986) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CLF | EMP | UNEMP | RATE | CLF | EMP | UNEMP | RATE | CLF | EMP | UNEMP | RATE |
| STATEWIDE | 2582996 | 2427284 | 155712 | 6.0 | 2606257 | 2432621 | 173636 | 6.7 | 2562665 | 2408750 | 153915 | 6.0 |
| ST. LOUIS MSA | 1260980 | 1177278 | 83702 | 6.6 | 1271643 | 1179009 | 92634 | 7.3 | 1258060 | 1165014 | 93046 | 7.4 |
| KANSAS CITY MSA | 814675 | 768501 | 46174 | 5.7 | 823543 | 773363 | 50180 | 6.1 | 804442 | 769630 | 34812 | 4.3 |
| SPRINGFIELD MSA | 119579 | 114013 | 5566 | 4.7 | 119717 | 113984 | 5733 | 4.8 | 116769 | 112066 | 4703 | 4.0 |
| COLUMBIA MSA | 64897 | 63099 | 1798 | 2.8 | 65274 | 63187 | 2087 | 3.2 | 62376 | 60632 | 1744 | 2.8 |
| JOPLIN MSA | 69154 | 65492 | 3662 | 5.3 | 69548 | 65381 | 4167 | 6.0 | 67441 | 63561 | 3880 | 5.8 |
| ST. JOSEPH MSA | 40761 | 37993 | 2768 | 6.8 | 40868 | 37958 | 2910 | 7.1 | 41124 | 38267 | 2857 | 6.9 |
| ADAIR/SCHUYLER LMA | 12640 | 12087 | 553 | 4.4 | 13525 | 12095 | 1430 | 10.6 | 12761 | 12198 | 563 | 4.4 |
| ANDREW | 7078 | 6668 | 410 | 5.8 | 7010 | 6593 | 417 | 5.9 | 6747 | 6391 | 356 | 5.3 |
| ATCHISON | 3286 | 3193 | 93 | 2.8 | 3338 | 3229 | 109 | 3.3 | 3333 | 3205 | 128 | 3.8 |
| AUDRAIN | 10622 | 9940 | 682 | 6.4 | 10903 | 10122 | 781 | 7.2 | 11062 | 10244 | 818 | 7.4 |
| BARRY | 11843 | 11290 | 553 | 4.7 | 12002 | 11412 | 590 | 4.9 | 12606 | 11857 | 749 | 5.9 |
| BARTON | 5421 | 5229 | 192 | 3.5 | 5382 | 5168 | 214 | 4.0 | 5316 | 5168 | 148 | 2.8 |
| BATES | 6755 | 6209 | 546 | 8.1 | 6964 | 6352 | 612 | 8.8 | 6313 | 5993 | 320 | 5.1 |
| BENTON | 5923 | 5614 | 309 | 5.2 | 5964 | 5603 | 361 | 6.1 | 5927 | 5571 | 356 | 6.0 |
| BOLLINGER | 2966 | 2675 | 291 | 9.8 | 2975 | 2702 | 273 | 9.2 | 3466 | 3091 | 375 | 10.8 |
| BUTLER | 16054 | 14705 | 1349 | 8.4 | 16072 | 14646 | 1426 | 8.9 | 16559 | 15143 | 1416 | 8.6 |
| CALDWELL | 3379 | 3147 | 232 | 6.9 | 3481 | 3204 | 277 | 8.0 | 3448 | 3317 | 131 | 3.8 |
| CALLAWAY | 16094 | 15228 | 866 | 5.4 | 16099 | 15169 | 930 | 5.8 | 15584 | 14598 | 986 | 6.3 |
| CAMDEN | 15166 | 14557 | 609 | 4.0 | 15329 | 14712 | 617 | 4.0 | 15718 | 15033 | 685 | 4.4 |
| CAPE GIRARDEAU | 34252 | 32747 | 1505 | 4.4 | 34253 | 32740 | 1513 | 4.4 | 32780 | 31380 | 1400 | 4.3 |
| CARROLL | 5154 | 4775 | 379 | 7.4 | 5468 | 4825 | 643 | 11.8 | 5109 | 4823 | 286 | 5.6 |
| CARTER | 1984 | 1789 | 195 | 9.8 | 1997 | 1772 | 225 | 11.3 | 2076 | 1830 | 246 | 11.8 |
| CEDAR | 5421 | 4955 | 466 | 8.6 | 5368 | 4974 | 394 | 7.3 | 5049 | 4794 | 255 | 5.1 |
| CHARITON | 4646 | 4396 | 250 | 5.4 | 4763 | 4504 | 259 | 5.4 | 4549 | 4294 | 255 | 5.6 |
| CLARK | 3956 | 3668 | 288 | 7.3 | 3802 | 3537 | 265 | 7.0 | 3831 | 3635 | 196 | 5.1 |
| CLINTON | 7832 | 7305 | 527 | 6.7 | 7989 | 7413 | 576 | 7.2 | 7241 | 6874 | 367 | 5.1 |
| COLE/OSAGE LMA | 41391 | 39447 | 1944 | 4.7 | 41989 | 39914 | 2075 | 4.9 | 40850 | 39073 | 1777 | 4.4 |
| COOPER | 6761 | 6443 | 318 | 4.7 | 6713 | 6365 | 348 | 5.2 | 7001 | 6642 | 359 | 5.1 |
| CRAWFORD | 8418 | 7875 | 543 | 6.5 | 8724 | 8036 | 688 | 7.9 | 8231 | 7532 | 699 | 8.5 |
| DADE | 3067 | 2889 | 178 | 5.8 | 3085 | 2917 | 168 | 5.4 | 3078 | 2959 | 119 | 3.9 |
| DALLAS | 3976 | 3664 | 312 | 7.8 | 4099 | 3748 | 351 | 8.6 | 4011 | 3679 | 332 | 8.3 |
| DAVIESS | 4328 | 4136 | 192 | 4.4 | 4344 | 4175 | 169 | 3.9 | 4061 | 3952 | 109 | 2.7 |
| DEKALB | 3731 | 3471 | 260 | 7.0 | 3709 | 3483 | 226 | 6.1 | 3747 | 3547 | 200 | 5.3 |
| DENT | 5389 | 4892 | 497 | 9.2 | 5425 | 4927 | 498 | 9.2 | 5826 | 5141 | 685 | 11.8 |
| DOUGLAS | 4718 | 4346 | 372 | 7.9 | 4933 | 4551 | 382 | 7.7 | 4853 | 4393 | 460 | 9.5 |
| DUNKLIN | 13905 | 12832 | 1073 | 7.7 | 14020 | 12815 | 1205 | 8.6 | 14115 | 13022 | 1093 | 7.7 |
| GASCONADE | 6738 | 6323 | 415 | 6.2 | 7015 | 6332 | 683 | 9.7 | 7070 | 6558 | 512 | 7.2 |
| GENTRY | 3310 | 3094 | 216 | 6.5 | 3390 | 3146 | 244 | 7.2 | 3300 | 3195 | 105 | 3.2 |
| GRUNDY | 5168 | 4989 | 199 | 3.8 | 5368 | 5081 | 287 | 5.3 | 5219 | 4993 | 226 | 4.3 |
| HARRISON | 4806 | 4590 | 216 | 4.5 | 5021 | 4734 | 287 | 5.7 | 4820 | 4652 | 168 | 3.5 |
| HENRY | 8403 | 7714 | 689 | 8.2 | 8592 | 7859 | 733 | 8.5 | 8506 | 8014 | 492 | 5.8 |
| HICKORY | 2645 | 2465 | 180 | 6.8 | 2670 | 2463 | 207 | 7.8 | 2480 | 2310 | 170 | 6.9 |
| HOLT | 2680 | 2561 | 119 | 4.4 | 2733 | 2602 | 131 | 4.8 | 2750 | 2641 | 109 | 4.0 |
| HOWARD | 4529 | 4217 | 312 | 6.9 | 4709 | 4469 | 240 | 5.1 | 4620 | 4294 | 326 | 7.1 |
| HOWELL | 13057 | 12106 | 951 | 7.3 | 13261 | 12146 | 1115 | 8.4 | 13065 | 11921 | 1144 | 8.8 |
| IRON | 2262 | 1918 | 344 | 15.2 | 2525 | 2114 | 411 | 16.3 | 2772 | 2303 | 469 | 16.9 |
| JOHNSON | 17337 | 16567 | 770 | 4.4 | 16362 | 15517 | 845 | 5.2 | 16400 | 15724 | 676 | 4.1 |
| KNOX | 2109 | 2029 | 80 | 3.8 | 2205 | 2046 | 159 | 7.2 | 2196 | 2061 | 135 | 6.1 |
| LACLEDE | 13508 | 12773 | 735 | 5.4 | 13747 | 12929 | 818 | 6.0 | 12682 | 11804 | 878 | 6.9 |
| LAWRENCE | 13984 | 13192 | 792 | 5.7 | 13859 | 13041 | 818 | 5.9 | 13506 | 12651 | 855 | 6.3 |

# Table 1

MISSOURI DIVISION OF EMPLOYMENT SECURITY

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| COUNTY/LABOR MARKET AREA | CURRENT MONTH - AUG 1987 (PRELIMINARY) | | | | PREVIOUS MONTH - JUL 1987 ( REVISED ) | | | | ONE YEAR AGO - AUG 1986 (BENCHMARKED 1986) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CLF | EMP | UNEMP | RATE | CLF | EMP | UNEMP | RATE | CLF | EMP | UNEMP | RATE |
| LEWIS | 4523 | 4223 | 300 | 6.6 | 4774 | 4425 | 349 | 7.3 | 4999 | 4536 | 463 | 9.3 |
| LINCOLN | 11306 | 10550 | 756 | 6.7 | 11713 | 10461 | 1252 | 10.7 | 11502 | 10351 | 1151 | 10.0 |
| LINN | 6481 | 6071 | 410 | 6.3 | 6457 | 6118 | 339 | 5.3 | 6703 | 6272 | 431 | 6.4 |
| LIVINGSTON | 6701 | 6406 | 295 | 4.4 | 6746 | 6424 | 322 | 4.8 | 6593 | 6325 | 268 | 4.1 |
| MACON | 9266 | 8727 | 539 | 5.8 | 9323 | 8567 | 756 | 8.1 | 8432 | 7967 | 465 | 5.5 |
| MADISON | 4200 | 3879 | 321 | 7.6 | 4255 | 3883 | 372 | 8.7 | 4238 | 3870 | 368 | 8.7 |
| MARIES | 4043 | 3762 | 281 | 7.0 | 4011 | 3714 | 297 | 7.4 | 3952 | 3642 | 310 | 7.8 |
| MARION/RALLS LMA | 18038 | 16903 | 1135 | 6.3 | 18229 | 16929 | 1300 | 7.1 | 17922 | 16856 | 1066 | 5.9 |
| MCDONALD | 7941 | 7487 | 454 | 5.7 | 8012 | 7490 | 522 | 6.5 | 7445 | 6994 | 451 | 6.1 |
| MERCER | 1764 | 1678 | 86 | 4.9 | 1794 | 1718 | 76 | 4.2 | 1646 | 1592 | 54 | 3.3 |
| MILLER | 10012 | 9302 | 710 | 7.1 | 9884 | 9241 | 643 | 6.5 | 10517 | 9831 | 686 | 6.5 |
| MISSISSIPPI | 6246 | 5705 | 541 | 8.7 | 6389 | 5839 | 550 | 8.6 | 6273 | 5701 | 572 | 9.1 |
| MONITEAU | 6196 | 5891 | 305 | 4.9 | 6014 | 5765 | 249 | 4.1 | 6124 | 5778 | 346 | 5.6 |
| MONROE | 5738 | 5467 | 271 | 4.7 | 5845 | 5582 | 263 | 4.5 | 5636 | 5402 | 234 | 4.2 |
| MONTGOMERY | 5171 | 4834 | 337 | 6.5 | 5158 | 4741 | 417 | 8.1 | 5107 | 4722 | 385 | 7.5 |
| MORGAN | 8408 | 7928 | 480 | 5.7 | 8351 | 7945 | 406 | 4.9 | 7630 | 7196 | 434 | 5.7 |
| NEW MADRID | 9492 | 8754 | 738 | 7.8 | 9507 | 8707 | 800 | 8.4 | 9338 | 8555 | 783 | 8.4 |
| NODAWAY | 10603 | 10345 | 258 | 2.4 | 10547 | 10289 | 258 | 2.4 | 10152 | 9839 | 313 | 3.1 |
| OREGON | 4173 | 3770 | 403 | 9.7 | 3996 | 3610 | 386 | 9.7 | 4251 | 3881 | 370 | 8.7 |
| OZARK | 3574 | 3372 | 202 | 5.7 | 3651 | 3412 | 239 | 6.5 | 3629 | 3403 | 226 | 6.2 |
| PEMISCOT | 8810 | 8072 | 738 | 8.4 | 8615 | 7837 | 778 | 9.0 | 8754 | 7942 | 812 | 9.3 |
| PERRY | 8126 | 7805 | 321 | 4.0 | 8013 | 7655 | 358 | 4.5 | 8329 | 7798 | 531 | 6.4 |
| PETTIS | 18300 | 17169 | 1131 | 6.2 | 18507 | 17255 | 1252 | 6.8 | 18504 | 17374 | 1130 | 6.1 |
| PHELPS | 16196 | 15329 | 867 | 5.4 | 15993 | 15080 | 913 | 5.7 | 16175 | 15354 | 821 | 5.1 |
| PIKE | 7843 | 7195 | 648 | 8.3 | 7924 | 7265 | 659 | 8.3 | 7765 | 7227 | 538 | 6.9 |
| POLK | 9403 | 8888 | 515 | 5.5 | 9313 | 8677 | 636 | 6.8 | 9335 | 8655 | 680 | 7.3 |
| PULASKI | 11671 | 11011 | 660 | 5.7 | 11524 | 10824 | 700 | 6.1 | 11927 | 11262 | 665 | 5.6 |
| PUTNAM | 2351 | 2236 | 115 | 4.9 | 2418 | 2278 | 140 | 5.8 | 2320 | 2233 | 87 | 3.8 |
| RANDOLPH | 11675 | 10825 | 850 | 7.3 | 11478 | 10773 | 705 | 6.1 | 11343 | 10678 | 665 | 5.9 |
| REYNOLDS | 1619 | 1364 | 255 | 15.8 | 1751 | 1442 | 309 | 17.6 | 1804 | 1437 | 367 | 20.3 |
| RIPLEY | 4808 | 4447 | 361 | 7.5 | 4601 | 4245 | 356 | 7.7 | 4386 | 4039 | 347 | 7.9 |
| SALINE | 11151 | 10589 | 562 | 5.0 | 11286 | 10660 | 626 | 5.5 | 11791 | 11254 | 537 | 4.6 |
| SCOTLAND | 2476 | 2357 | 119 | 4.8 | 2447 | 2355 | 92 | 3.8 | 2467 | 2348 | 119 | 4.8 |
| SCOTT | 17710 | 16499 | 1211 | 6.8 | 17967 | 16584 | 1383 | 7.7 | 17176 | 15852 | 1324 | 7.7 |
| SHANNON | 2385 | 2118 | 267 | 11.2 | 2405 | 2106 | 299 | 12.4 | 2660 | 2310 | 350 | 13.2 |
| SHELBY | 3725 | 3626 | 99 | 2.7 | 3783 | 3660 | 123 | 3.3 | 3768 | 3627 | 141 | 3.7 |
| ST. CLAIR | 3792 | 3527 | 265 | 7.0 | 3814 | 3539 | 275 | 7.2 | 3689 | 3512 | 177 | 4.8 |
| ST. FRANCOIS | 20409 | 18784 | 1625 | 8.0 | 20192 | 18420 | 1772 | 8.8 | 19258 | 17501 | 1757 | 9.1 |
| STE. GENEVIEVE | 6964 | 6463 | 501 | 7.2 | 7129 | 6571 | 558 | 7.8 | 7301 | 6821 | 480 | 6.6 |
| STODDARD | 12292 | 11294 | 998 | 8.1 | 12462 | 11378 | 1084 | 8.7 | 13099 | 11960 | 1139 | 8.7 |
| STONE | 10150 | 9529 | 621 | 6.1 | 10214 | 9702 | 512 | 5.0 | 10236 | 9673 | 563 | 5.5 |
| SULLIVAN | 3622 | 3505 | 117 | 3.2 | 3676 | 3536 | 140 | 3.8 | 3351 | 3183 | 168 | 5.0 |
| TANEY | 18680 | 18064 | 616 | 3.3 | 18873 | 18187 | 686 | 3.6 | 18033 | 17324 | 709 | 3.9 |
| TEXAS | 9523 | 8861 | 662 | 7.0 | 9477 | 8780 | 697 | 7.4 | 9252 | 8399 | 853 | 9.2 |
| VERNON | 9421 | 8995 | 426 | 4.5 | 9517 | 9040 | 477 | 5.0 | 8994 | 8583 | 411 | 4.6 |
| WARREN | 10055 | 9409 | 646 | 6.4 | 10252 | 9382 | 870 | 8.5 | 9547 | 8825 | 722 | 7.6 |
| WASHINGTON | 5772 | 4671 | 1101 | 19.1 | 5892 | 4751 | 1141 | 19.4 | 6304 | 4755 | 1549 | 24.6 |
| WAYNE | 4502 | 4113 | 389 | 8.6 | 4618 | 4168 | 450 | 9.7 | 4940 | 4451 | 489 | 9.9 |
| WEBSTER | 9177 | 8451 | 726 | 7.9 | 9259 | 8452 | 807 | 8.7 | 9473 | 8620 | 853 | 9.0 |
| WORTH | 1177 | 1112 | 65 | 5.5 | 1217 | 1143 | 74 | 6.1 | 1218 | 1184 | 34 | 2.8 |
| WRIGHT | 6479 | 5990 | 489 | 7.5 | 6560 | 5960 | 600 | 9.1 | 6616 | 6000 | 616 | 9.3 |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

## Table 2. Nonagricultural Wage & Salary Employment, Hours and Earnings
## Missouri (Statewide)
## August, 1987

| Industry Title | All Employees (In Thousands) | | | Production Workers | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
| | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago |
| Total Non-Agri. Employment | 2149.6 | 2143.3 | 2141.2 | | | | | | | | | |
| Total Manufacturing | 417.5 | 414.1 | 421.6 | 390.34 | 389.03 | 393.01 | 40.2 | 39.9 | 40.6 | 9.71 | 9.75 | 9.68 |
| Durable Goods | 231.6 | 228.6 | 239.2 | 432.55 | 427.03 | 435.97 | 41.0 | 40.4 | 41.8 | 10.55 | 10.57 | 10.43 |
| Lumber & Wood Products | 10.9 | 10.9 | 10.3 | 263.31 | 262.10 | 262.10 | 40.2 | 40.3 | 40.2 | 6.55 | 6.63 | 6.52 |
| Furniture & Fixtures | 11.0 | 10.9 | 10.4 | 372.54 | 347.10 | 395.00 | 47.7 | 44.5 | 50.0 | 7.81 | 7.80 | 7.90 |
| Stone, Clay & Glass Prod. | 11.0 | 11.8 | 11.3 | 485.21 | 482.51 | 453.00 | 42.6 | 42.7 | 42.1 | 11.39 | 11.30 | 10.76 |
| Cement, Hydraulic | 1.0 | 1.0 | 1.0 | 580.25 | 522.38 | 542.44 | 40.1 | 37.5 | 38.2 | 14.47 | 13.93 | 14.20 |
| Structural Clay Prod. | 2.1 | 2.1 | 1.9 | 472.36 | 457.88 | 487.63 | 39.2 | 37.5 | 40.3 | 12.05 | 12.21 | 12.10 |
| Primary Metal Industries | 12.7 | 12.6 | 12.6 | 476.32 | 460.35 | 441.98 | 41.6 | 40.1 | 40.4 | 11.45 | 11.48 | 10.94 |
| Iron & Steel Foundries | 1.2 | 1.2 | 1.4 | 469.29 | 398.19 | 390.04 | 43.9 | 40.1 | 41.1 | 10.69 | 9.93 | 9.49 |
| Nonferrous Foundries | 3.5 | 3.5 | 3.4 | 338.25 | 324.77 | 353.33 | 41.1 | 39.8 | 43.3 | 8.23 | 8.16 | 8.16 |
| Fabricated Metal Products | 28.1 | 28.0 | 28.7 | 432.23 | 414.06 | 415.89 | 42.5 | 40.2 | 41.3 | 10.17 | 10.30 | 10.07 |
| Structural Metal Prod. | 10.7 | 10.6 | 11.4 | 402.57 | 396.93 | 394.47 | 40.5 | 39.3 | 40.5 | 9.94 | 10.10 | 9.74 |
| Machinery Exc. Electrical | 29.8 | 29.9 | 30.3 | 427.28 | 402.35 | 416.48 | 42.6 | 40.6 | 41.4 | 10.03 | 9.91 | 10.06 |
| Electrical & Electronic Equipment | 47.0 | 46.4 | 48.3 | 380.35 | 376.20 | 388.81 | 40.7 | 39.6 | 42.4 | 9.35 | 9.50 | 9.17 |
| Transportation Equipment | 61.7 | 59.7 | 68.5 | 562.40 | 586.61 | 573.80 | 38.6 | 40.4 | 41.4 | 14.57 | 14.52 | 13.86 |
| Motor Vehicles & Equip. | 25.7 | 23.7 | 31.3 | 547.28 | 572.29 | 588.96 | 36.1 | 37.9 | 40.9 | 15.16 | 15.10 | 14.40 |
| Instruments & Related Prod. | 11.5 | 11.5 | 11.4 | 301.09 | 294.91 | 318.76 | 38.7 | 38.3 | 40.4 | 7.78 | 7.70 | 7.89 |
| Misc. Mfg. Inds. | 7.9 | 7.7 | 7.4 | 257.85 | 255.15 | 261.49 | 38.2 | 38.6 | 39.8 | 6.75 | 6.61 | 6.57 |
| Nondurable Goods | 185.9 | 185.5 | 182.4 | 340.81 | 343.09 | 337.43 | 39.4 | 39.3 | 39.1 | 8.65 | 8.73 | 8.63 |
| Food & Kindred Products | 48.0 | 47.7 | 46.7 | 393.82 | 394.71 | 393.60 | 40.6 | 40.4 | 41.0 | 9.70 | 9.77 | 9.60 |
| Meat Products & Preserved Fruits & Vegetables | 13.2 | 13.3 | 13.0 | 301.51 | 294.74 | 294.35 | 40.8 | 40.1 | 41.4 | 7.39 | 7.35 | 7.11 |
| Dairy Products | 6.1 | 6.0 | 6.3 | 445.52 | 447.74 | 413.06 | 41.1 | 42.2 | 41.1 | 10.84 | 10.61 | 10.05 |
| Grain Mill Products | 7.4 | 7.2 | 7.0 | 456.57 | 460.95 | 460.72 | 44.5 | 43.9 | 44.3 | 10.26 | 10.50 | 10.40 |
| Bakery Products | 6.5 | 6.4 | 5.8 | 417.90 | 412.42 | 381.08 | 39.8 | 38.4 | 38.3 | 10.50 | 10.74 | 9.95 |
| Beverages | 10.2 | 10.3 | 10.1 | 534.31 | 535.42 | 543.89 | 36.9 | 36.9 | 37.1 | 14.48 | 14.51 | 14.66 |

Continued from Page 4

| Industry Title | All Employees (In Thousands) | | | Production Workers | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
| | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago | Curr. Mo. | Prev. Mo. | 1 Yr. Ago |
| Other Food & Kindred Prods. | 4.6 | 4.5 | 4.5 | 336.54 | 366.02 | 406.83 | 38.2 | 40.4 | 42.6 | 8.81 | 9.06 | 9.55 |
| Textile & Apparel | 25.9 | 25.8 | 24.8 | 210.75 | 208.00 | 205.90 | 37.3 | 36.3 | 36.9 | 5.65 | 5.73 | 5.58 |
| Paper & Allied Products | 13.6 | 13.6 | 13.6 | 402.69 | 412.30 | 389.50 | 41.6 | 41.9 | 40.7 | 9.68 | 9.84 | 9.57 |
| Paperboard Cont. & Boxes | 6.5 | 6.4 | 6.8 | 401.21 | 413.65 | 404.07 | 42.1 | 42.6 | 41.7 | 9.53 | 9.71 | 9.69 |
| Printing & Publishing | 38.8 | 39.0 | 39.7 | 377.57 | 376.35 | 388.48 | 38.2 | 37.9 | 39.4 | 9.91 | 9.93 | 9.86 |
| Commercial Printing | 13.4 | 13.5 | 13.4 | 444.31 | 436.11 | 452.19 | 40.1 | 39.9 | 41.6 | 11.06 | 10.93 | 10.87 |
| Chemicals & Allied | 28.4 | 28.7 | 28.1 | 463.40 | 473.52 | 445.01 | 40.9 | 41.5 | 40.2 | 11.33 | 11.41 | 11.07 |
| Leather & Leather Products | 17.3 | 17.0 | 15.9 | 202.57 | 204.78 | 188.16 | 37.1 | 37.3 | 33.6 | 5.45 | 5.49 | 5.60 |
| Footwear Exc. Rubber | 13.7 | 13.3 | 12.4 | 188.19 | 193.66 | 177.75 | 36.4 | 37.1 | 33.1 | 5.17 | 5.22 | 5.37 |
| Total Nonmanufacturing | 1732.1 | 1729.2 | 1719.6 | | | | | | | | | |
| Mining | 5.6 | 5.6 | 5.5 | | | | | | | | | |
| Construction | 106.1 | 103.5 | 107.6 | | | | | | | | | |
| Transportation & Public Util. | 142.6 | 142.6 | 140.6 | | | | | | | | | |
| Railroad Transportation | 9.9 | 9.9 | 10.4 | | | | | | | | | |
| Transportation (Exc. R.R.) | 76.2 | 75.9 | 74.5 | | | | | | | | | |
| Communications | 56.5 | 56.8 | 55.7 | | | | | | | | | |
| Wholesale & Retail Trade | 514.6 | 512.1 | 515.1 | | | | | | | | | |
| Wholesale Trade | 124.0 | 123.6 | 125.1 | | | | | | | | | |
| Retail Trade | 390.6 | 388.5 | 390.0 | | | | | | | | | |
| Finance, Insurance & Real Estate | 137.1 | 137.0 | 132.2 | | | | | | | | | |
| Services | 515.3 | 511.7 | 502.3 | | | | | | | | | |
| Government | 310.8 | 316.7 | 316.3 | | | | | | | | | |
| Federal Government | 73.3 | 73.9 | 72.9 | | | | | | | | | |
| State & Local Government | 0 | 0 | 0 | | | | | | | | | |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

Continued from Cover
plant experienced a one-day shutdown caused by equipment problems. Many other durable goods industries showed increases, but the nondurable goods industries showed little change on balance. Average hourly earnings were $9.71 in August; weekly earnings increased $1.31 from July to $390.34.

### *National Economic and Labor Market Conditions*

The national unemployment rate remained at 6.0 percent in August, on a seasonally adjusted basis. Total employment dropped less than usual in August, resulting in a seasonally-adjusted increase of 355,000. The percentage of the population that is employed reached a new high of 61.8 percent.

Nonfarm payroll employment increased by 155,000, on a seasonally-adjusted basis. Much of the increase cam from the service industries, which have added a million jobs in the past year. Manufacturing employment was unchanged in August following an increase of 90,000 in July. Motor vehicles and equipment manufacturing employment was up a little in August but is current level of 833,000 is still 28,000 below the year-earlier level. The factory workweek remained at 41 hours.

### *Outlook*

The government's index of leading economic indicators rose for the seventh consecutive month in August. The performance of this forecasting gauge suggests continuing moderate economic growth.

September traditionally brings a sharply lower unemployment rate and increased employment, especially in the schools sector. There may be some temporary improvement in the automobile industry with the end of model changeover layoffs, but there will be some additional losses from the closing of a plant in St. Louis. The previously announced ending of a second shift at an automobile plant in the St. Louis area has now ben rescheduled, so data for November will be the first to show the effects of this layoff.

**Table 3. Selected Economic Statistics Related To Manpower Developments Missouri — August, 1987**

| Item | Current Mo. (Preliminary) | 1 Mo. Ago (Revised) | 1Yr. Ago (Revised) | Net Change To Current Month From: | |
|---|---|---|---|---|---|
| | | | | 1 Mo. Ago | 1 Yr. Ago |
| Total Civilian Labor Force (No. of Workers) | 2,583,000 | 2,606,200 | 2,562,700 | -23,200 | 20,300 |
| Total Employed | 2,427,300 | 2,432,600 | 2,408,800 | -5,300 | 18,500 |
| Total Unemployed | 155,700 | 173,600 | 153,900 | -17,900 | 1,800 |
| Unemployment Rate (% of CLF) | 6.0 | 6.7 | 6.0 | -0.7 | 0.0 |
| Nonagricultural Wage & Salary Employment | | | | | |
| Except Domestics (No. of Jobs) | 2,149,600 | 2,143,200 | 2,141,200 | 6,400 | 8,400 |
| Manufacturing | 417,500 | 414,100 | 421,600 | 3,400 | -4,100 |
| Durable Goods | 231,600 | 228,600 | 239,200 | 3,000 | -7,600 |
| Nondurable Goods | 185,900 | 185,500 | 182,400 | 400 | 3,500 |
| Nonmanufacturing | 1,732,100 | 1,729,100 | 1,719,600 | 3,000 | 12,500 |
| State Initial Claims (Wkly Avg.) | 6,570 | 10,032 | 8,396 | -3,462 | -1,826 |
| State Insured Unemployment (Wkly Avg.) | 38,841 | 49,424 | 43,599 | -10,583 | -4,758 |
| Insured Unemployment Rate | 2.1 | 2.5 | 2.4 | -0.4 | -0.3 |
| Exhaustions (State U.I.) | 2,552 | 4,634 | 3,792 | -2,082 | -1,240 |
| Amount of Benefits Paid | $16,239,257 | $20,172,464 | $18,413,541 | $3,933,207 | $2,174,284 |
| State U.I. | 15,961,025 | 19,847,688 | 18,041,028 | 3,886,663 | 2,080,003 |
| UCFE | 150,423 | 155,266 | 180,813 | -4,843 | -30,390 |
| UCX | 127,809 | 169,510 | 191,700 | -41,701 | -63,891 |

Prepared in cooperation with U.S. Dept. of Labor, Bureau of Labor Statistics.

# Kansas City Labor Market Review

The Kansas City Metropolitan Statistical Area (MSA) includes Jackson, Cass, Clay, Lafayette, Platte and Ray counties in Missouri and Johnson, Wyandotte, Leavenworth and Miami counties in Kansas. The 1980 population for the MSA has been published at 1,433,458 persons by the U.S. Bureau of the Census.

August, 1987

Franciena King, Analyst

After climbing in July 1987 to 6.1 percent, the highest level since the first quarter of 1984, the Kansas City Area's unemployment rate dropped by four tenths of a percentage point, down to 5.7 percent in August 1987. Similarly, the Area recorded in July 1987 its largest pool of unemployed workers since January 1984. After reaching 50,200 in July 1987, the number of jobless workers dropped by 4,000, down to 46,200 as many summer workers withdraw from the labor force. Continued layoffs in Motor Vehicle Equipment and Area schools contributed to the reduction of 4,900 in the number of the civilian employed. The Area's labor force had been growing steadily over the first half of the year and had reached an all time high in July 1987 of 823,500 persons. The drop in the number of unemployed, added to the losses of 4,900 of the civilian employed, resulted in a total loss of approximately 8,800 in the size of the civilian labor force in August 1987.

Wage and salaried employment in August 1987 was 712,800, down by 200 from the July 1987 total of 713,000. The greater number of losses in the Manufacturing sector more than offset the relatively moderate gains in the Area's Nonmanufacturing sector. Most of the Area's movement in jobs was concentrated in a few industries. Changes in most industires were small. Within the Manufacturing sector, conditions in Motor Vehicle Equipment dominated. Over-the-month losses of 1,000 in Motor Vehicle Equipment, attributed to one Area plant temporarily closing for retooling, added to the 7,000 assemblers already laid off since February of this year, and reduced Transportation Equipment to its lowest level since December 1981. After reaching an all time high of 15,700 workers in August 1985, the number of workers in the Transportation Equipment industry fell to 6,900 workers in August 1987. With the notable exceptions of the losses of 1,100 workers in Transportation Equipment and the 300 workers in Printing and Publishing, all other Manufacturing industries were relatively stable over-the-month. Overall employment in Manufacturing stood at 108,600 in August 1987.

In marked contrast to the unfavorable conditions in the Manufacturing sector over the last eight months, the Nonmanufacturing sector posted consecutive increases over the first half of the year. After dropping for the first time in July 1987 to 603,300, the Area's Nonmanufacturing sector recovered in August 1987 an additional 900 jobs. With the exception of Local Government, which lost 700 jobs predominately in local schools, all other Nonmanufacturing industries either gained jobs over-the-month or remained stable. The largest gains were recorded in Retail Trade. Scattered gains in department stores, automobile retail stores and non-store retailers resulted in 700 additional jobs in Retail Trade. Construction employment increased by 600 jobs mainly as a result of gains in special trade contracting. The Services industry also posted a moderate increase of 400 jobs primarily in recreation and amusement.

Wage and salaried employment fell from a total of 719,000 in August 1986 down to 712,800 in August 1987, a loss of 6,200 jobs. Durable Goods Manufacturing declined by 1,100 and Nondurable Goods Manufacturing increased slightly by 400 jobs. Transportation Equipment and Electronic Equipment dominated the Area's labor market conditions. As mentioned previously, after reaching an all time high in August 1985 of 15,800, the Area's Transportation Equipment industry has lost 8,500 jobs. The Electronics Equipment industry has also suffered substantial losses. After reaching a high of 22,000 jobs in June 1985, the Electronics industry has suffered consistent losses. Over the 12-month period, the industry has fallen from 19,400 in August 1986 to 17,300 in August 1987. This loss of 2,100 jobs can be attributed to the 1,900 jobs lost in communications equipment and 200 jobs lost in electronic equipment. Among the Nondurable Goods Manufacturing industries, employment changes were moderate. Printing and Publishing lost 600 jobs over the 12-month period, while the Paper and Allied and Chemicals industries posted increases of 900 jobs. Most of the 400 jobs added in Paper and Allied resulted from increased employment in container and boxes, and the 500 jobs added in Chemicals were primarily recorded in drugs.

The Nonmanufacturing sector recorded gains of 4,400 new jobs over-the-year ago totals. The Services industries with 3,300 new jobs gained three fourths of the total jobs gained. Business services which added 1,700 new jobs topped the list of gainers. Smaller increases in legal, medical and recreation services were also posted. The second industry recording major growth was Retail Trade, which had mixed performances. Employment in eating and drinking establishments fell over the period, while drugs, department stores, food and non-store retail establishments together added 2,400 jobs, for an overall gain of 1,200 jobs. Other industries showing gains were Federal Government with 700 more jobs, broadly scattered, Finance, Insurance and Real Estate with 500 new jobs, Transportation, Communications and Utilities with 300 more jobs and Wholesale Trade with 200 more jobs. State and Local Government and Construction were the only Nonmanufacturing industries recording losses. Layoffs of workers in municipal governments resulted in State and Local Government dropping by 1,300. Moderate curtailment in the construction of buildings and non-building structures resulted in a loss of 600 jobs from August 1986 to August 1987.

Total unemployment on a place-of-residence basis was

46,200 in August 1987 for 5.7 percent of the labor force, compared to 50,200 in July 1987 for 6.1 percent of the labor force and 34,800 in August 1986 for 4.3 percent of the labor force.

### *Employment and Unemployment Forecast*

As the 1987-1988 school year begins in September 1987, large declines in the civilian labor force will precipitate further reduction in the Area's rate of unemployment. The rate is expected to fall by four tenths of a point as Area School and related workers return to work. Manufacturing employment will also show a slight increase as some temporarily laid off workers return to work. Nonmanufacturing employment will rise, fueled by increases in Services, Government and Retail Trade. Unemployment is expected to be 5.3 percent of the labor force in September 1987, compared to 5.7 percent in August 1987 and 4.2 percent in September 1986.

The Area's unemployment rate is expected to rise slightly to 5.5 percent in October 1987 as the civilian labor force, civilian employed and unemployed rise slightly. Employment in State and Local Government and Construction will rise substantially, while employment in Services and Retail Trade are expected to show a slight drop.

Unemploymet is expected to be 5.5 percent of the labor force, compared to 4.4 percent in October 1986.

## Table 1. Nonagricultural Wage & Salary Employment

**(Place of Work)**
**(Benchmark — March 1986)**

**Area and State: Kansas City, Missouri-Kansas** **Month and Year of Current: August, 1987**

| Item | Number of Jobs | | | Net Change To Current Month From: | |
|---|---|---|---|---|---|
| | Current Mo. | 1 Mo. Ago | 1 Yr. Ago | 1 Mo. Ago | 1 Yr. Ago |
| I | II | III | IV | V | VI |
| Total Nonagricultural Wage & Salaried Employment | 712,800 | 713,000 | 719,000 | -200 | -6,200 |
| Total Manufacturing | 108,600 | 109,700 | 119,200 | -1,100 | -10,600 |
| Durable Goods | 56,300 | 57,500 | 67,300 | -1,200 | -11,000 |
| Lumber & Furniture | 3,600 | 3,600 | 3,400 | 0 | +200 |
| Stone, Clay & Glass Products | 3,700 | 3,600 | 3,800 | +100 | -100 |
| Primary Metal Industries | 3,700 | 3,800 | 3,800 | -100 | -100 |
| Fabricated Metal Products | 9,000 | 9,000 | 9,200 | 0 | -200 |
| Machinery Except Electrical | 8,100 | 8,000 | 8,300 | +100 | -200 |
| Electrical Equipment & Supplies | 17,300 | 17,300 | 19,400 | 0 | -2,100 |
| Transportation Equipment | 7,300 | 8,400 | 15,800 | -1,100 | -8,500 |
| Motor Vehicles & Equipment | (6,900) | (7,900) | (15,400) | (-1,000) | (-8,500) |
| Other Durable Goods | 3,700 | 3,700 | 3,700 | 0 | 0 |
| Nondurable Goods | 52,300 | 52,200 | 51,900 | +100 | +400 |
| Food & Kindred Products | 9,300 | 9,400 | 9,400 | -100 | -100 |
| Apparel & Other Textile Products | 2,200 | 2,200 | 2,300 | 0 | -100 |
| Paper & Allied Products | 6,000 | 5,900 | 5,600 | +100 | +400 |
| Printing & Publishing | 19,800 | 20,100 | 20,400 | -300 | -600 |
| Chemicals & Allied Products | 9,200 | 9,100 | 8,700 | +100 | +500 |
| Petroleum & Coal Products | 500 | 500 | 600 | 0 | -100 |
| Other Nondurable Goods | 5,200 | 5,100 | 5,000 | +100 | +200 |
| Total Nonmanufacturing | 604,200 | 603,300 | 599,800 | +900 | +4,400 |
| Mining & Quarrying | 600 | 600 | 500 | 0 | +100 |
| Construction | 36,700 | 36,100 | 37,300 | +600 | -600 |
| Transportation, Comm. & Utilities | 54,700 | 54,700 | 54,400 | -0 | +300 |
| Wholesale & Retail Trade | 182,700 | 182,000 | 181,300 | +700 | +1,400 |
| Wholesale Trade | (55,900) | (55,900) | (55,700) | (0) | (+200) |
| Retail Trade | (126,800) | (126,100) | (125,600) | (+700) | (+1,200) |
| Finance, Insurance & Real Estate | 57,600 | 57,700 | 57,100 | -100 | +500 |
| Services | 166,000 | 165,600 | 162,700 | +400 | +3,300 |
| Government | 105,900 | 106,600 | 106,500 | -700 | -600 |
| Federal Government | (31,400) | (31,400) | (30,700) | (0) | (+700) |
| State & Local Government | (74,500) | (75,200) | (75,800) | (-700) | (-1,300) |
| In Labor-Management Disputes | 0 | 0 | 200 | 0 | -200 |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

## Table 2. Production Workers Average Hours and Earnings in Manufacturing

**Area and State: Kansas City, Missouri-Kansas** | **Month and Year of Current Data: August, 1987**

| Industry | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago |
| Total Manufacturing | $437.26 | $433.71 | $454.40 | 40.3 | 39.9 | 40.9 | $10.85 | $10.87 | $11.11 |
| Durable Goods | 452.40 | 448.37 | 474.76 | 40.0 | 39.4 | 40.2 | 11.31 | 11.38 | 11.81 |
| Lumber & Furniture | 357.57 | 338.62 | 292.43 | 43.5 | 40.7 | 37.3 | 8.22 | 8.32 | 7.84 |
| Stone, Clay & Glass Products | 468.17 | 539.15 | 476.54 | 34.5 | 38.9 | 40.8 | 13.57 | 13.86 | 11.86 |
| Primary Metal Industries | 432.78 | 430.20 | 407.51 | 37.6 | 36.0 | 34.8 | 11.51 | 11.95 | 11.71 |
| Fabricated Metal Products | 410.48 | 393.03 | 392.27 | 41.8 | 36.7 | 38.8 | 9.82 | 9.90 | 10.11 |
| Machinery Exc. Electrical | 468.53 | 442.65 | 406.14 | 46.9 | 45.4 | 40.9 | 9.99 | 9.75 | 9.93 |
| Electrical Equip. & Supplies | 478.00 | 468.87 | 434.72 | 39.8 | 39.5 | 39.7 | 12.01 | 11.87 | 10.95 |
| Transportation Equipment | 556.69 | 543.44 | 656.98 | 35.1 | 35.8 | 42.8 | 15.86 | 15.18 | 15.35 |
| Motor Vehicles & Equipment | (576.49) | (558.92) | (664.26) | (35.0) | (35.6) | (42.8) | (16.47) | (15.70) | (15.52) |
| Nondurable Goods | 417.37 | 412.89 | 421.26 | 40.6 | 40.4 | 42.0 | 10.28 | 10.22 | 10.03 |
| Food & Kindred Products | 432.78 | 424.20 | 408.21 | 41.1 | 42.0 | 42.7 | 10.53 | 10.10 | 9.56 |
| Apparel & Other Textile Prod. | 217.26 | 199.97 | 195.30 | 36.7 | 34.3 | 35.0 | 5.92 | 5.83 | 5.58 |
| Paper & Allied Products | 432.63 | 414.63 | 446.42 | 41.4 | 40.1 | 43.3 | 10.45 | 10.34 | 10.31 |
| Printing & Publishing | 434.51 | 429.24 | 491.50 | 39.9 | 39.2 | 44.2 | 10.89 | 10.95 | 11.12 |
| Chemicals & Allied Products | 541.51 | 550.62 | 462.55 | 43.6 | 43.7 | 39.1 | 12.42 | 12.60 | 11.83 |
| Petroleum & Coal Products | 497.84 | 430.73 | 460.78 | 39.2 | 38.7 | 37.8 | 12.70 | 11.13 | 12.19 |

* This series excludes industry 2771.

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

# St. Louis Labor Market Review

The St. Louis Area includes the City of St. Louis, and St. Louis, St. Charles, Jefferson and Franklin Counties in Missouri; and Clinton, Madison, Monroe, St. Clair and Jersey Counties in Illinois. The 1980 population for the Area was stated as 2,376,998 persons by the U.S. Bureau of the Census.

August, 1987

Russell Signorino, Analyst

### *Area Labor Force Developments*

The St. Louis MSA unemployment rate declined from 7.4% in July to 6.6% in August. This unexpected steep decline gave the area its lowest August unemployment rate since August, 1979. The automobile industry was responsible for part of the decline. After a model change-over layoff in July, 4,100 auto workers returned to work in August. A permanent closure in this industry affected 1000 workers this month. Most of the remainder of this plant's work force, 1,400 will be counted as unemployed in September. Other industries responsible for reducing unemployment were construction, trade and services. These three industries normally register level or declining employment levels from July to August. This year, the three industries added a total of 4,200 workers to their payrolls in August. The construction sector was helped by good weather conditions and strong home building activities in some parts of the area. Weather, increased travel activities and the extension of the summer school break caused trade and services to keep or add summer workers for a longer period than in past years. Over the year, unemployment declined 9,400 and total employment rose 12,300. The unemployment rate in August, 1986 was 7.4%. There were 200 labor disputants in August and July, and 300 in August, 1986.

### *Manufacturing*

Manufacturing employment rose 2800 over the month. The motor vehicle industry was the only major manufacturing sector to register a significant employment change. The model change-over recall and the plant closure combined to give this sector net job increase of 2,800. Fabricated metals continued to be affected by a labor dispute and the chemical industry registered a seasonal decline. Over the year, manufacturing increased 1,600. In August of 1986, 5,900 workers were affected by model change-over layoffs in motor vehicles and nonelectrical machinery was affected by a strike. Job gains continued to be reported by primary metals, food and leather. The printing industry, down 500, has still failed to make up the job loss that occurred at the end of last year when a major newspaper ceased publication.

### *Nonmanufacturing*

Nonmanufacturing employment rose 600 over the month. Construction, trade and services were responsible for this month's gains. School related employment was responsible for the seasonal declines in transportation and government. Bus driver and non-teaching school employment levels are normally at their low point in August of each year. Seasonal gains were expected in September for these two sectors when most schools are back in session. Over the year, nonmanufacturing is up 4,100. The area's largest industry, services, was also responsible for the largest job gains. A total of 10,300 jobs were added to services over the past 12 months. All major service sectors reported increases. Health services, continuing to recover from significant losses during the early 1980's, added 2,400 workers since last year.

### *Unemployment Rate Outlook*

The unemployment rate in September, 1987 is expected to be 6.1%.

### *Unemployment and Manpower Resources*

The industry distribution of Missouri resident claimants is:

| Industry | May | Jun. | Jul. | Aug. |
|---|---|---|---|---|
| Mining | 16 | 15 | 13 | 24 |
| Construction | 2284 | 1948 | 1811 | 1669 |
| Manufacturing | 5893 | 5377 | o479 | 3885 |
| Public Utilities | 716 | 930 | 1193 | 1248 |
| Wholesale & Retail Tr. | 3642 | 3689 | 3670 | 3581 |
| Finance | 601 | 647 | 594 | 620 |
| Services | 3415 | 3594 | 3716 | 3616 |
| All Other | 351 | 318 | 406 | 362 |
| TOTAL | 16918 | 16518 | 17882 | 15005 |

The occupational distribution of the intrastate Missouri resident claimant is:

| Occupation | May | Jun. | Jul. | Aug. |
|---|---|---|---|---|
| Prof., Tech. & Mgr. | 1463 | 1445 | 1386 | 1360 |
| Clerical | 2245 | 2311 | 2184 | 2055 |
| Sales | 624 | 594 | 488 | 462 |
| Farm, Fish & Forest | 74 | 74 | 72 | 89 |
| Processing | 191 | 199 | 154 | 177 |
| Machine Trades | 905 | 889 | 882 | 774 |
| Bench Work | 760 | 676 | 711 | 653 |
| Structural Work | 1492 | 1299 | 1247 | 1253 |
| Misc. Work | 1343 | 1410 | 1440 | 1381 |
| Service | 1595 | 1646 | 1682 | 1735 |
| INA | 6226 | 5975 | 7696 | 5066 |
| TOTAL | 16918 | 16518 | 17882 | 15005 |

### *Available Job Oppportunties*

The occupations percentage distribution of the openings received and filled during fiscal year 1988 by the Missouri State Employment Service is as follows:

| **Occupational Group** | **Openings Received Percent** | **Openings Filled Percent** |
|---|---|---|
| Professional, Technical & Managerial | 10.3 | 1.6 |
| Clerical | 18.0 | 9.0 |
| Sales | 13.1 | 18.2 |
| Processing | 1.4 | 2.5 |
| Machine Trades | 4.5 | 5.1 |
| Bench Work | 5.1 | 6.9 |
| Structural Work | 6.4 | 8.2 |
| Motor Freight & Trans. | 3.2 | 2.3 |
| Packaging & Material Handling | 10.7 | 16.5 |
| Domestic | 0.8 | 0.3 |
| Other Services | 21.2 | 19.9 |
| Other Occupations | 5.3 | 9.5 |

## Table 1. Nonagricultural Wage & Salary Employment
(Place of Work)

**Area and State: St. Louis, Mo.-Ill. Met. Area** **Month and Year of Current: August, 1987**

| Item | Number of Jobs | | | Net Change To Current Month From: | |
|---|---|---|---|---|---|
| | Current Mo. | 1 Mo. Ago | 1 Yr. Ago | 1 Mo. Ago | 1 Yr. Ago |
| I | II | III | IV | V | VI |
| Nonagricultural Wage & Salary, Total | 1,104,400 | 1,101,000 | 1,098,700 | +3,400 | +5,700 |
| Percent Change | | | | +(0.3) | +(0.5) |
| Manufacturing | 219,700 | 216,900 | 218,100 | +2,800 | +1,600 |
| Durable Goods | 137,500 | 134,600 | 135,700 | +2,900 | +1,800 |
| Lumber & Furniture | 4,400 | 4,300 | 4,800 | +100 | -400 |
| Stone, Clay & Glass | 3,400 | 3,400 | 3,400 | 0 | 0 |
| Primary Metal Industries | 13,900 | 13,900 | 13,600 | 0 | +300 |
| Fabricated Metal Products | 16,500 | 16,600 | 16,600 | -100 | -100 |
| Machinery, Except Electrical | 17,500 | 17,500 | 17,400 | 0 | +100 |
| Electrical & Electronic Equip. | 14,400 | 14,400 | 14,500 | 0 | -100 |
| Transportation Equipment | 54,700 | 51,900 | 52,700 | +2,800 | +2,000 |
| Motor Vehicles | 19,400 | 16,600 | 16,300 | +2,800 | +3,100 |
| Aircraft & Parts | 29,900 | 29,900 | 30,700 | 0 | -800 |
| Instruments & Misc. Mfg. | 12,700 | 12,600 | 12,700 | +100 | 0 |
| Nondurable Goods | 82,200 | 82,300 | 82,400 | -100 | -200 |
| Food & Kindred Products | 22,900 | 22,900 | 22,300 | 0 | +600 |
| Meat Products | 1,000 | 1,000 | 1,000 | 0 | 0 |
| Beverages | 9,200 | 9,200 | 8,800 | 0 | +400 |
| Textiles & Apparel | 6,400 | 6,300 | 6,400 | +100 | 0 |
| Paper & Paper Products | 5,700 | 5,700 | 5,800 | 0 | -100 |
| Printing & Publishing | 16,500 | 16,400 | 17,000 | +100 | -500 |
| Chemical & Allied Products | 18,500 | 18,700 | 18,700 | -200 | -200 |
| Petroleum & Coal Products | 2,500 | 2,500 | 2,700 | 0 | -200 |
| Leather & Leather Products | 4,700 | 4,700 | 4,600 | 0 | +100 |
| Other Nondurable Goods | 5,000 | 5,100 | 4,900 | -100 | +100 |
| Nonmanufacturing | 884,700 | 884,100 | 880,600 | +600 | +4,100 |
| Mining | 3,500 | 3,500 | 3,600 | 0 | -100 |
| Construction | 57,700 | 56,500 | 60,800 | +1,200 | -3,100 |
| Transportation & Public Utilities | 74,800 | 75,100 | 74,200 | -300 | +600 |
| Railroads | 4,300 | 4,300 | 4,600 | 0 | -300 |
| Transportation, Except Railroads | 40,700 | 41,100 | 39,800 | -400 | +900 |
| Communications & Public Utilities | 29,800 | 29,700 | 29,800 | +100 | 0 |
| Wholesale & Retail Trade | 263,200 | 261,800 | 263,400 | +1,400 | -200 |
| Wholesale Trade | 61,500 | 61,100 | 62,600 | +400 | -1,100 |
| Retail Trade | 201,700 | 200,700 | 200,800 | +1,000 | +900 |
| Finance, Insurance & Real Estate | 73,700 | 73,700 | 71,800 | 0 | +1,900 |
| Service, Except Domestic | 287,100 | 285,500 | 276,800 | +1,600 | +10,300 |
| Total Government | 124,700 | 128,000 | 130,000 | -3,300 | -5,300 |
| Total Federal Government | 37,600 | 38,000 | 37,300 | -400 | +300 |
| Total State & Local Government | 87,100 | 90,000 | 92,700 | -2,900 | -5,600 |
| Persons Involved in Labor-Management Disputes | 200 | • 200 | 300 | 0 | -100 |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

## Table 2. Average Hours & Earnings of Production and Related Workers in Manufacturing

**Area and State: St. Louis Metropolitan Area** **Month and Year of Current Data: August, 1987**

| Industry | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago |
| Total Manufacturing | $465.11 | $468.99 | $451.58 | 40.2 | 40.5 | 40.5 | $11.57 | $11.58 | $11.15 |
| Durable Goods | 483.21 | 488.82 | 476.19 | 40.1 | 40.6 | 41.3 | 12.05 | 12.04 | 11.53 |
| Lumber & Furniture | 371.49 | 383.18 | 343.65 | 41.6 | 42.2 | 39.5 | 8.93 | 9.08 | 8.70 |
| Stone, Clay & Glass Products | 429.18 | 433.01 | 434.79 | 38.7 | 39.4 | 39.1 | 11.09 | 10.99 | 11.12 |
| Primary Metal Industries | 496.69 | 459.69 | 466.91 | 42.2 | 39.8 | 43.8 | 11.77 | 11.55 | 10.66 |
| Fabricated Metal Products | 476.76 | 461.20 | 431.50 | 43.5 | 41.7 | 40.9 | 11.96 | 11.06 | 10.55 |
| Machinery, Exc. Electrical | 456.91 | 446.93 | 469.53 | 41.2 | 40.3 | 40.9 | 11.09 | 11.09 | 11.48 |
| Elect & Electronic Equip. | 396.19 | 392.63 | 402.60 | 39.5 | 39.7 | 40.1 | 10.03 | 9.89 | 10.04 |
| Transportation Equipment | 573.38 | 626.08 | 591.35 | 38.2 | 41.6 | 42.3 | 15.01 | 15.05 | 13.98 |
| Instruments & Misc. Mfg. | 311.33 | 308.61 | 311.98 | 38.2 | 38.1 | 38.0 | 8.15 | 8.10 | 8.21 |
| Nondurable Goods | 432.54 | 433.63 | 409.25 | 40.5 | 40.3 | 39.2 | 10.68 | 10.76 | 10.44 |
| Food & Kindred Products | 466.85 | 472.75 | 489.23 | 39.1 | 39.2 | 40.6 | 11.94 | 12.06 | 12.05 |
| Textiles & Apparel | 246.40 | 222.31 | 209.85 | 38.5 | 35.4 | 33.1 | 6.40 | 6.28 | 6.34 |
| Paper & Paper Products | 524.52 | 541.10 | 430.57 | 47.0 | 47.8 | 42.8 | 11.16 | 11.32 | 10.06 |
| Printing & Publishing | 401.17 | 392.83 | 382.28 | 38.5 | 38.4 | 38.0 | 10.42 | 10.23 | 10.06 |
| Chemicals & Allied Prods. | 539.70 | 553.81 | 501.80 | 42.0 | 43.3 | 41.3 | 12.85 | 12.79 | 12.15 |
| Petroleum & Coal Products | 595.49 | 600.62 | 543.98 | 40.1 | 40.5 | 38.8 | 14.85 | 14.83 | 14.02 |
| Leather & Leather Products | 266.86 | 263.53 | 216.71 | 44.7 | 42.3 | 36.3 | 5.97 | 6.23 | 5.97 |
| Other Nondurable Goods | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

# Springfield Labor Market Review

**(Greene and Christian Counties)**

August, 1987

Lloyd Banwart, Analyst

### *Civilian Labor Force, Employment and Unemployment*

The Springfield MSA unemployment rate was down one-tenth of a percentage point from July to 4.7 percent in August. Total employment remained at the July level of 114,000 during the 30 day period. The total civilian labor force, estimated at 119,600 in August, was down 100 from the previous month.

During August 1986, the total labor force amounted to 112,100 and the rate of unemployment was calculated at 4.0 percent.

### *Nonagricultural Wage & Salary Employment*

Nonfarm payrolled employment increased 400 from July to reach 104,400 in August. Included was a gain of 700 in durable goods manufacturing jobs which pushed total manufacturing employment to 20,300. While this is a sizeable gain, there are currently 700 fewer persons engaged in manufacturing work than during August 1986. Nonmanufacturing employment, estimated at 84,100, recorded a net decrease of 300 from one month ago. This drop is mostly seasonal in nature and was fostered by a reduction in the number of school workers.

Since August 1986, manufacturing jobs are down by 700 and employment in the nonmanufacturing sector shows a gain of 2,500.

### *Hours and Earnings*

Average hourly earnings of manufacturing production and related workers fell 13 cents from July to $8.58 in August. This drop was due in part to an increase in the proportion of lower paid workers as employers added new help at entry level pay.

### *Employment and Unemployment Outlook*

A fairly substantial rise in payrolled employment is expected in September as schools open for the fall term.

The rate of unemployment should decrease one or two-tenths of a percentage point in September.

## Table 1. Nonagricultural Wage & Salary Employment

**(Place of Work)**

**(Benchmark — March, 1986)**

**Area and State: Springfield, Missouri** **Month and Year of Current: August, 1987**

| Item | Number of Jobs | | | Net Change To Current Month From: | |
|---|---|---|---|---|---|
| | Current Mo. | 1 Mo. Ago | 1 Yr. Ago | 1 Mo. Ago | 1 Yr. Ago |
| I | II | III | IV | V | VI |
| Total Nonag. Wage & Salary, Employment (Exc. Domestics) | 104.400 | 104,000 | 102,600 | +400 | +1,800 |
| Manufacturing | 20,300 | 19,600 | 21,000 | +700 | -700 |
| Durable Goods | 11,100 | 10,400 | 11,200 | 700 | -100 |
| Lumber & Wood (Inc. Furn.) | 1,100 | 1,100 | 1,100 | 0 | 0 |
| Other Durable Goods | 10,000 | 9,300 | 10,100 | 700 | -100 |
| Nondurable Goods | 9,200 | 9,200 | 9,800 | 0 | -600 |
| Food Processing | 4,100 | 4,100 | 4,200 | 0 | -100 |
| Printing & Publishing | 1,700 | 1,600 | 1,700 | +100 | 0 |
| Other Nondurable Goods | 3,400 | 3,500 | 3,900 | -100 | -500 |
| Nonmanufacturing | 84,100 | 84,400 | 81,600 | -300 | +2,500 |
| Mining | 100 | 100 | 100 | 0 | 0 |
| Construction | 4,700 | 4,600 | 4,600 | -100 | +100 |
| Transportation & Utilities | 6,800 | 6,800 | 6,700 | 0 | +100 |
| Trade | 28,800 | 28,900 | 28,100 | -100 | +700 |
| Finance, Insurance & Real Estate | 5,200 | 5,200 | 5,200 | 0 | 0 |
| Services | 26,900 | 26,400 | 26,100 | 500 | +800 |
| Government | 11,600 | 12,400 | 10,800 | -800 | +800 |
| Federal | 1,800 | 1,800 | 1,800 | 0 | 0 |
| State and Local | 9,800 | 10,600 | 9,000 | -800 | +800 |
| Persons Involved in Labor-Management Disputes | 0 | 0 | 0 | 0 | 0 |

Prepared in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics.

## Table 2. Gross Average Hours and Earnings for Production and Related Workers in Manufacturing Industries

**Area and State: Springfield, Missouri** **Month and Year of Current Data: August, 1987**

| Industry | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago | Current Month | 1 Mo. Ago | 1 Yr. Ago |
| Total Manufacturing | $333.76 | $341.43 | $362.78 | 38.9 | 39.2 | 40.9 | $8.58 | $8.71 | $8.87 |
| Durable Goods | 320.38 | 325.01 | 359.04 | 38.6 | 38.6 | 41.7 | 8.30 | 8.42 | 8.61 |
| Nondurable Goods | 353.31 | 364.91 | 368.68 | 39.3 | 40.1 | 39.9 | 8.99 | 9.10 | 9.24 |
| Food & Kindred Products | 379.85 | 383.20 | 425.17 | 39.9 | 40.0 | 41.0 | 9.52 | 9.58 | 10.37 |
| Other Nondurable Goods | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Prepared in cooperation with the U.S. Bureau of Labor Statistics.

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